

III. CLAIM AMENDMENTS

1. (Currently Amended) A method for positioning of a wireless communication device, ~~wherein~~ comprising:

storing position data of one or a plurality of more
reference points is stored in at least one data base, i

~~it is examined~~examining which of said one or more reference
points is located in the vicinity of the wireless
communication device, ~~and~~ i

transmitting at least position data about said reference
point located in the vicinity of the wireless communication
device is transmitted to the wireless communication device,
~~wherein in order to perform the positioning,~~ and

selecting the transmitted position data about said
reference point located in the vicinity of the wireless
communication device is selected as the default position of
the wireless communication device.

2. (Currently Amended) The method according to claim 1, ~~wherein~~
~~as the reference points are used~~further comprising:

using base stations of a mobile communication network as
the one or more reference points, i

defining a cell global identity for which each base station
~~a cell global identity is defined,~~ i and

~~that when storing the position data of~~separating the one or
more reference points different reference points are

~~separated in accordance with said identity~~ according to cell
global identity when storing the position data.

3. (Currently Amended) The method according to claim 2, ~~wherein~~
a further comprising establishing the at least one data base is
~~established in the mobile communication network.~~

4. (Currently Amended) The method according to claim 2,
~~wherein~~ further comprising:

setting up a communication connection ~~is set up between the~~
wireless communication device and a certain one of the base
~~station~~ stations of the mobile communication network; and

~~the selected~~ selecting the default position ~~is the~~ as a
position of the certain one of the base station that
~~communicates with the wireless communication device at the~~
time stations.

5. (Currently Amended) The method according to claim 2, wherein
the position data of the base stations is transmitted ~~from the~~
~~base station to the wireless communication device.~~

6. (Currently Amended) The method according to claim 2,
~~wherein~~ further comprising:

setting up the at least one data base ~~is set up in the~~ a
data base server; and

~~that establishing a communication connection is established~~
from the at least one data base to the wireless
communication device to transfer the position data between
the wireless communication device and the at least one data
base.

7. (Currently Amended) The method according to claim 6, wherein a connection according to ~~thea~~ WAP protocol is used as said communication connection.

8. (Currently Amended) The method according to claim 1, ~~wherein~~further comprising storing information on the position of the one or more reference points ~~is stored also~~ in the wireless communication device.

9. (Currently Amended) The method according to claim 8, ~~wherein~~further comprising:

transmitting thea cell global identity of ~~thea~~ base station communicating with the wireless communication device ~~is transmitted to the wireless communication device;~~

~~wherein when the identity of the base station changes, it is examined in the wireless communication device~~
determining whether any position data based on thea cell global identity of thea new base station are stored in the wireless communication device when the new base station communicates with the wireless communication device; and

~~wherein in case no data is stored in the wireless communication device,~~ sending a request is sent from the wireless communication device for transmission of positioning data to the wireless communication device when no position data based on the cell global identity of the new base station are stored in the wireless communication device.

10. (Currently Amended) The method according to claim 1, ~~wherein~~further comprising:

~~for determining the position data of the one or more reference points—position is performed at least in enethe~~
wireless communication device,; and

transmitting the determined position data and thean
identity of thean associated base station are—transmitted
to be stored intein the at least one data base.

11. (Currently Amended) A positioning system to be used in the positioning of a wireless communication device, ~~wherein the positioning system comprises~~comprising:

at least one data base for storing one or a ~~plurality of~~more reference points_{7i};

means for detecting which of said one or more reference points is located in the vicinity of the wireless communication device_{7i} and

means for transmitting ~~the position data of the reference point located in the vicinity of said wireless communication device to the wireless communication device,~~
wherein ~~for performing the positioning,~~ the transmitted position data of said reference point in the vicinity of the wireless communication device is arranged to be selected as the default position of the wireless communication device.

12. (Currently Amended) The positioning system according to claim 11, wherein ~~the base stations of thea~~ mobile communication network are arranged to be used as the one or more reference points, ~~for which a cell global identity is defined for each base station,~~ and ~~that when storing the position data of the reference points different~~ the one or more reference points are

separated ~~from each other~~ according to said cell global identity when storing position data of the one or more reference points.

13. (Currently Amended) The positioning system according to claim 12, wherein the at least one data base is established in the mobile communication network.

14. (Currently Amended) The positioning system according to claim 12, comprising means for establishing a communication connection between the wireless communication device and a certain one of the base stationstations of the mobile communication network, wherein the selected default position is the position of ~~that~~that the certain one of the base station ~~that communicates with the wireless communication device at the~~ timestations.

15. (Currently Amended) The positioning system according to claim 12, ~~wherein it comprises~~comprising means for transmitting position data of the base stations of the mobile communication network ~~from the base station to~~ the wireless communication device.

16. (Currently Amended) The positioning system according to claim 12, wherein the at least one data base is set up in ~~the~~a data base server, and that the positioning system comprises means for setting up a communication connection from the at least one data base to the wireless communication device to transfer position data between the wireless communication device and the data base.

17. (Currently Amended) The positioning system according to claim 16, wherein a connection according to ~~the~~a WAP protocol is used as said communication connection.

18. (Currently Amended) The positioning system according to claim 11, wherein information on the position of the one or more reference points is stored ~~also~~ in the wireless communication device.

19. (Currently Amended) The positioning system according to claim 18, ~~wherein it comprises~~ comprising means for transmitting to the wireless communication device ~~the~~ a cell global identity of ~~the~~ a base station with which the wireless communication device is communicating, ~~wherein~~;

the wireless communication device ~~comprises~~ comprising means ~~to examine when the global cell identity changes~~ for determining whether the position data based on the new a cell global identity of a new base station is stored in the wireless communication device when the new base station communicates with the wireless communication device, wherein ~~in case no data is stored in the wireless communication device~~, a request to transmit position data to the wireless communication device is arranged to be transmitted from the wireless communication device when no position data based on a cell global identity of the new base station is stored in the wireless communication device.

20. (Currently Amended) The positioning system according to claim 11, wherein the wireless communication device comprises:

means for performing positioning determining position data for at least one of the one or more reference points; and

means for transmitting the defined determined position data and ~~the~~ a cell global identity of ~~the~~ a base station associated with the at least one of the one or more reference points, ~~and that~~,

wherein the positioning system comprises means for receiving and storing said ~~positioning~~determined position data and cell global identity ~~transmitted from the wireless communication device and for storing them into the data base.~~

21. (Currently Amended) An electronic device to be used in a positioning system, ~~which electronic device comprises~~comprising at least:

~~positioning means and;~~

means for performing functions of a mobile communication device, ~~wherein the electronic device further comprises;~~

means for detecting which of ~~the~~a number of reference points stored in ~~the~~a data base of the positioning system is located in ~~the~~a vicinity of the ~~wireless communication~~electronic device, ~~;~~i

means for receiving ~~the~~ position data of the reference point located in the vicinity of the wireless communication device, ~~;~~i and

means for selecting the received position data of the reference point located in the vicinity of said wireless communication device as the default position of the wireless communication device ~~in the positioning.~~